Appendix C: Landfill Inspection Forms - Fourth Quarter CY 2012
C.1 Original Landfill
ORIGINAL LANDFILL - MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSPECTOR: J. McMahon
DATE: 10/30/12 TIME: 1100 REVIEWED BY: J. Spill

SUBSIDENCE / CONSOLIDATION

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF DEPRESSIONS?</th>
<th>EVIDENCE OF SINK HOLES?</th>
<th>EVIDENCE OF PONDING?</th>
<th>OTHER (DESCRIBE BELOW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER – WEST</td>
<td>□ Yes ✔ No</td>
<td>□ Yes ✔ No</td>
<td>□ Yes ✔ No</td>
<td>□ Yes ✔ No</td>
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<tr>
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<td>□ Yes ✔ No</td>
<td>□ Yes ✔ No</td>
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<tr>
<td>BUTTRESS FILL</td>
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<tr>
<td>DIVERSION BERM 1</td>
<td>□ Yes ✔ No</td>
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<td>□ Yes ✔ No</td>
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<td>DIVERSION BERM 4</td>
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<td>DIVERSION BERM 5</td>
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<td>DIVERSION BERM 6</td>
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<td>DIVERSION BERM 7</td>
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</tr>
</tbody>
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Settlement Plates – Inspect integrity. Intact? ✔ Yes □ No

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.

PAGE 1 OF 9

Appendix C, Page 3
### SLOPE STABILITY

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF SEEPS?</th>
<th>EVIDENCE OF BLOCK OR CIRCULAR FAILURE?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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</thead>
<tbody>
<tr>
<td>COVER - WEST</td>
<td>□ Yes ☒ No</td>
<td>☒ Yes ☐ No</td>
<td>☐ Yes ☒ No</td>
<td>—</td>
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<tr>
<td>COVER - EAST</td>
<td>□ Yes ☒ No</td>
<td>☒ Yes ☐ No</td>
<td>☐ Yes ☒ No</td>
<td>—</td>
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<tr>
<td>BUTTRESS FILL SIDESLOPE</td>
<td>□ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<tr>
<td>WEST PERIMETER CHANNEL SIDESLOPES</td>
<td>□ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<tr>
<td>COVER SEEPS (IF PRESENT)</td>
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MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

See Attachment 1
### SOIL COVER

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF SOIL DEPOSITION OR EROSION?</th>
<th>EVIDENCE OF EROSION RILLS/GULLIES?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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<tbody>
<tr>
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<td>☐ Yes ☒ No</td>
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<tr>
<td>COVER – EAST</td>
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<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>–</td>
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<tr>
<td>BUTTRESS FILL</td>
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<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>–</td>
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<tr>
<td>BUTTRESS FILL SIDESLOPE</td>
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<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

_None._
<table>
<thead>
<tr>
<th>REGION</th>
<th>CONDITION OF GRASS</th>
<th>UNWANTED VEGETATION PRESENT?</th>
<th>PERCENTAGE OF GRASS VERSUS BARE GROUND?</th>
<th>PERCENTAGE OF UNWANTED VEGETATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER- WEST</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>5-75 %</td>
<td>Cedon, Veti, Podet, Saen, Saami, Eren</td>
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<tr>
<td>COVER - EAST</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>15-100 %</td>
<td>Veti, Cedon, Civi,</td>
</tr>
<tr>
<td>DIVERSION BERM 1</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>5-75 %</td>
<td>Cedon, Veti,</td>
</tr>
<tr>
<td>DIVERSION BERM 2</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>5-75 %</td>
<td>Cedon,</td>
</tr>
<tr>
<td>DIVERSION BERM 3</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>5-100 %</td>
<td>Cedon, Ciki, Saen, Saami, Podeet, Veti</td>
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<tr>
<td>DIVERSION BERM 4</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>10-90 %</td>
<td>Veti, Cedon,</td>
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<tr>
<td>DIVERSION BERM 5</td>
<td>sparse to good</td>
<td>☒ Yes ☐ No</td>
<td>5-90 %</td>
<td>Cedon,</td>
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<tr>
<td>DIVERSION BERM 6</td>
<td>moderate to good</td>
<td>☒ Yes ☐ No</td>
<td>20-70 %</td>
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<tr>
<td>DIVERSION BERM 7</td>
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<td>5-90 %</td>
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<td>☒ Yes ☐ No</td>
<td>5-75 %</td>
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<tr>
<td>UPPER BUTTERESS FILL SIDESLOPE</td>
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<td>LOWER BUTTERESS FILL SIDESLOPE</td>
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<td>☒ Yes ☐ No</td>
<td>15-90 %</td>
<td>Veti, Cedon, Bete, Lida,</td>
</tr>
</tbody>
</table>

* Unwanted vegetation includes weeds and “woody vegetation.” Woody vegetation within the OLF waste footprint shall be removed. Other locations shall be evaluated per Section 3.5.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

Most woody vegetation inside waste fur point sprayed - summer 2012

10/29/12
## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

### STORMWATER MANAGEMENT STRUCTURES

#### CHANNELS

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?</th>
<th>EVIDENCE OF SETTLEMENT/SUBSIDENCE OR DEPRESSIONS?</th>
<th>EVIDENCE OF BREACHING OR BANK FAILURE?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
<th>EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?</th>
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<tbody>
<tr>
<td>DIVERSION BERM 1</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<tr>
<td>DIVERSION BERM 6</td>
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<td>☐ Yes ☒ No</td>
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<td>TEMPORARY CHECK DAMS*</td>
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<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
</tr>
</tbody>
</table>

* Check dams may be removed after vegetation is established.

**OTHER DEFICIENCIES?**

\[\text{None}\]

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**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

\[\text{None}\]

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Appendix C, Page 7
## OUTFALLS

Check each structure for excessive erosion and sediment depth. If sediment depth is compromising the design characteristics, remove sediment.

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>CONDITION / SEDIMENT DEPTH</th>
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<tbody>
<tr>
<td>DIVERSION BERM OUTFALL 1</td>
<td>Good condition / No sediment</td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 2</td>
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<tr>
<td>DIVERSION BERM OUTFALL 3</td>
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<tr>
<td>DIVERSION BERM OUTFALL 4</td>
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<tr>
<td>DIVERSION BERM OUTFALL 5</td>
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<td>DIVERSION BERM OUTFALL 6</td>
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<td>DIVERSION BERM OUTFALL 7</td>
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<tr>
<td>EAST PERIMETER CHANNEL OUTFALL</td>
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<tr>
<td>FRENCH DRAIN OUTFALL (SID)</td>
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OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.
### ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

#### “RUN-ON” CONTROL

<table>
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<th>AREA</th>
<th>ADVERSELY AFFECTING OLF?</th>
<th>COMMENT</th>
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<tr>
<td>NORTH OF THE ORIGINAL LANDFILL</td>
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<tr>
<td>WEST OF THE WEST PERIMETER CHANNEL</td>
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<tr>
<td>EAST OF THE EAST PERIMETER CHANNEL</td>
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<tr>
<td>NORTH OF WOMAN CREEK</td>
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**MAINTENANCE REQUIRED**

*NONE*

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## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

### INSTITUTIONAL CONTROLS

<table>
<thead>
<tr>
<th>ITEM</th>
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<th>No</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?</td>
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<td>☒</td>
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<tr>
<td>EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS, OR BUILDINGS ON COVER?</td>
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<tr>
<td>EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?</td>
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<td></td>
</tr>
<tr>
<td>DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?</td>
<td></td>
<td>☒</td>
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**OTHER DEFICIENCIES / PHOTO LOG**

 آلن
## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

### ACTION ITEMS

<table>
<thead>
<tr>
<th>DEFICIENCY</th>
<th>DATE NOTED</th>
<th>ACTION</th>
<th>DATE COMPLETED</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Erosion matting on 10/20/12</td>
<td>10/30/12</td>
<td>Re-staked matting</td>
<td>10/30/12</td>
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<tr>
<td>Boom 1 needs Fixed</td>
<td></td>
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**INSPECTOR SIGNATURE:**

**DATE:** 10/30/12

**REVIEWER SIGNATURE:**

**DATE:** 11-1-12
The monthly inspection of the OLF was completed on October 30. The Rocky Flats Site received 1.44 inches of precipitation during the month of October. The cover was dry at the time of the inspection including the majority of the seep locations. The slump in the East Perimeter Channel (EPC) remained unchanged.

Berms and channels remain in good condition. Vegetation on the landfill cover is dry and is mainly dormant. No new cracks, depressions, or slumps were noted on the landfill cover during the October inspection. Berm 1 required the erosion matting to be re-staked. No other locations required any maintenance or repairs.

OLF Cover

OLF Cover Facing Southwest
OLF Cover Facing South

Former Project Locations

End of Berm 7
Seeps

The seep locations were dry at the time of this inspection except for Seep 8. Seep 8 was flowing at approximately .5 gallons per minute. Vegetation in the seep locations is primarily dormant.
**EPC Slump**

The slump that was observed on the eastern slope of the EPC toward the top of the channel remains unchanged. The wooden stakes that were installed around the perimeter of the slumping area have not moved. No cracks are apparent. We will continue to monitor the slumping area for any changes during routine and nonroutine inspections of the OLF.

![EPC Slump](image)

**Geo-technical Engineering Evaluation**

A geo-technical engineer evaluated the OLF cover, perimeter channels, and berms on October 26. No areas of concern were observed during the evaluation. The engineer will submit a technical memo outlining his evaluation in November. The technical memo will be attached to the November inspection report.
## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

**INSPECTOR:** J. McLoughlin  
**DATE:** 11/28/12  
**TIME:** 11:30  
**TEMPERATURE:** 48°F  
**WEATHER CONDITIONS:** Cloudy + Windy  
**REVIEW DATE:** 11-29-12

### SUBSIDENCE / CONSOLIDATION

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF DEPRESSIONS?</th>
<th>EVIDENCE OF SINK HOLES?</th>
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<td>□ Yes ☒ No</td>
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<tr>
<td>COVER – EAST</td>
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<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>BUTTRESS FILL</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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<tr>
<td>DIVERSION BERM 1</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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<tr>
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<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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<tr>
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<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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<tr>
<td>DIVERSION BERM 5</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>DIVERSION BERM 6</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>DIVERSION BERM 7</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
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</tr>
</tbody>
</table>

Settlement Plates – Inspect integrity.  
Intact? ☒ Yes  □ No

**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

None

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*PAGE 1 OF 9*
## SLOPE STABILITY

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF SEEPS?</th>
<th>EVIDENCE OF BLOCK OR CIRCULAR FAILURE?</th>
<th>OTHER (DESCRIBE BELOW)</th>
</tr>
</thead>
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<tr>
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<td>✗ Yes □ No</td>
<td>□ Yes ✗ No</td>
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<tr>
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**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

None.

---
## SOIL COVER

<table>
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<tr>
<th>REGION</th>
<th>EVIDENCE OF SOIL DEPOSITION OR EROSION?</th>
<th>EVIDENCE OF EROSION RILLS/GULLIES?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
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<td>☐ Yes ☑ No</td>
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<td>☐ Yes ☑ No</td>
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<tr>
<td>BUTTRESS FILL</td>
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<td>BUTTRESS FILL SIDESLOPE</td>
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</table>

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

*None.*
The vegetation inspection was completed in October.

### ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

#### VEGETATION

<table>
<thead>
<tr>
<th>REGION</th>
<th>CONDITION OF GRASS</th>
<th>UNWANTED VEGETATION PRESENT*?</th>
<th>PERCENTAGE OF GRASS VERSUS BARE GROUND?</th>
<th>PERCENTAGE OF UNWANTED VEGETATION?</th>
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<tr>
<td>COVER- WEST</td>
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<tr>
<td>COVER - EAST</td>
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<tr>
<td>DIVERSION BERM 1</td>
<td></td>
<td>☐ Yes ☐ No</td>
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<tr>
<td>DIVERSION BERM 2</td>
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<td>DIVERSION BERM 3</td>
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</table>

* Unwanted vegetation includes weeds and "woody vegetation." Woody vegetation within the OLF waste footprint shall be removed. Other locations shall be evaluated per Section 3.5.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

---

PAGE 4 OF 9

Appendix C, Page 19
### CHANNELS

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?</th>
<th>EVIDENCE OF SETTLEMENT/SUBSIDENCE OR DEPRESSIONS?</th>
<th>EVIDENCE OF BREACHING OR BANK FAILURE?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
<th>EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?</th>
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<tbody>
<tr>
<td>DIVERSION BERM 1</td>
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<td>TEMPORARY CHECK DAMS*</td>
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</table>

* Check dams may be removed after vegetation is established.

**OTHER DEFICIENCIES?**

*The EPC slumps will be discussed in Attachment 1.*

---

**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

*None.*

---

PAGE 5 OF 9
OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

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<th>STRUCTURE</th>
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<td>DIVERSION BERM</td>
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<tr>
<td>FRENCH DRAIN OUTFALL (SID)</td>
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OTHER DEFICIENCIES?

None

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None
### ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

#### “RUN-ON” CONTROL

<table>
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<th>AREA</th>
<th>ADVERSELY AFFECTING OLF?</th>
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<td>NORTH OF WOMAN CREEK</td>
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MAINTENANCE REQUIRED

**None**

---

PAGE 7 OF 9
### INSTITUTIONAL CONTROLS

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<td>EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS, OR BUILDINGS ON COVER?</td>
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<tr>
<td>EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?</td>
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<tr>
<td>DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?</td>
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**OTHER DEFICIENCIES / PHOTO LOG**

```
None.
```

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PAGE 8 OF 9

Appendix C, Page 23
# ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

## ACTION ITEMS

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<th>DEFICIENCY</th>
<th>DATE NOTED</th>
<th>ACTION</th>
<th>DATE COMPLETED</th>
<th>COMMENTS</th>
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</thead>
</table>

**INSPECTOR SIGNATURE:** [Signature]
**DATE:** 11/29/12

**REVIEWER SIGNATURE:** [Signature]
**DATE:** 11-29-12

---

PAGE 9 OF 9

Appendix C, Page 24
The monthly inspection of the OLF was completed on November 28. The Rocky Flats Site received 0.28 inches of precipitation during the month of November. The cover was dry at the time of the inspection including the majority of the seep locations. The slump in the East Perimeter Channel (EPC) remained unchanged.

Berms and channels remain in good condition. Vegetation on the landfill cover is dry and is mainly dormant. No new cracks, depressions, or slumps were noted on the landfill cover during the October inspection. Berm 1 required the erosion matting to be re-staked. No other locations required any maintenance or repairs.

**OLF Cover**

*OLF Cover Facing Northwest*
West Perimeter Channel

Seeps

The seep locations were dry at the time of this inspection except for Seep 4 and Seep 8. Seep 4 was saturated and Seep 8 was flowing at approximately .5 gallons per minute. Vegetation in the seep locations is primarily dormant.
EPC Slump

The slump that was observed on the eastern slope of the EPC toward the top of the channel remains unchanged. The wooden stakes that were installed around the perimeter of the slumping area have not moved. No cracks are apparent. We will continue to monitor the slumping area for any changes during routine and nonroutine inspections of the OLF.
Geo-technical Engineering Evaluation

A geo-technical engineer evaluated the OLF cover, perimeter channels, and berms on October 26. No new areas of concern were discovered during the evaluation, however several observations were documented. The rocks at the end of Berm 3, which are referenced in one of the observations, are actually part of the designed rock drain and are not eroding into the perimeter channel as the memo suggests. Recommendations for the collection of survey data will be included in the next topographical survey of the OLF cover which will be completed in 2013. The technical memo outlining the engineering evaluation is attached to this inspection report.
### ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

**INSPECTOR:** J. [Signature]  
**DATE:** 12/19/12  
**TIME:** 0900  
**REVIEWED BY:** [Signature]  
**TEMPERATURE:** 42°F  
**WEATHER CONDITIONS:** Sunny, W winds  
**REVIEW DATE:** 12-20-12

#### SUBSIDENCE / CONSOLIDATION

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<td>□ Yes □ No</td>
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<td>DIVERSION BERM 5</td>
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Settlement Plates – Inspect integrity.  
Intact? □ Yes □ No

**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

*None.*

---

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Appendix C, Page 29
## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

### SLOPE STABILITY

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF SEEPS?</th>
<th>EVIDENCE OF BLOCK OR CIRCULAR FAILURE?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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<tbody>
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<tr>
<td>BUTTRESS FILL SIDESLOPE</td>
<td>□ Yes ☒ No</td>
<td>☒ Yes □ No</td>
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<td>☒ Yes □ No</td>
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<td>COVER SEEPS (IF PRESENT)</td>
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**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

*See Attachment 1 for details on seep locations.*
# ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

## SOIL COVER

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF SOIL DEPOSITION OR EROSION?</th>
<th>EVIDENCE OF EROSION RILLS/GULLIES?</th>
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MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

N/A

PAGE 3 OF 9

Appendix C, Page 31
The quarterly vegetation inspection was completed in October.

**ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM**

### VEGETATION

<table>
<thead>
<tr>
<th>REGION</th>
<th>CONDITION OF GRASS</th>
<th>UNWANTED VEGETATION PRESENT*?</th>
<th>PERCENTAGE OF GRASS VERSUS BARE GROUND?</th>
<th>PERCENTAGE OF UNWANTED VEGETATION?</th>
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<tbody>
<tr>
<td>COVER- WEST</td>
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<td>COVER - EAST</td>
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</tr>
<tr>
<td>DIVERSION BERM 1</td>
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</tr>
<tr>
<td>DIVERSION BERM 2</td>
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</tr>
<tr>
<td>DIVERSION BERM 6</td>
<td></td>
<td>□ Yes  □ No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM 7</td>
<td></td>
<td>□ Yes  □ No</td>
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<tr>
<td>WEST PERIMETER CHANNEL</td>
<td></td>
<td>□ Yes  □ No</td>
<td></td>
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</tr>
<tr>
<td>EAST PERIMETER CHANNEL</td>
<td></td>
<td>□ Yes  □ No</td>
<td></td>
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</tr>
<tr>
<td>UPPER BUTTERESS FILL SIDESLOPE</td>
<td></td>
<td>□ Yes  □ No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOWER BUTTERESS FILL SIDESLOPE</td>
<td></td>
<td>□ Yes  □ No</td>
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<td></td>
</tr>
</tbody>
</table>

* Unwanted vegetation includes weeds and “woody vegetation.” Woody vegetation within the OLF waste footprint shall be removed. Other locations shall be evaluated per Section 3.5.

**MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG**

---

PAGE 4 OF 9

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## STORMWATER MANAGEMENT STRUCTURES

### CHANNELS

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?</th>
<th>EVIDENCE OF SETTLEMENT/ SUBLIMATION OR DEPRESSIONS?</th>
<th>EVIDENCE OF BREACHING OR BANK FAILURE?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
<th>EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIVERSION BERM 1</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<tr>
<td>DIVERSION BERM 2</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<td>□ Yes ❌ No</td>
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<tr>
<td>DIVERSION BERM 3</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<td>DIVERSION BERM 4</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<tr>
<td>DIVERSION BERM 5</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<tr>
<td>DIVERSION BERM 6</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<td>DIVERSION BERM 7</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
</tr>
<tr>
<td>TEMPORARY CHECK DAMS*</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
</tr>
<tr>
<td>WEST PERIMETER CHANNEL</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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<tr>
<td>EAST PERIMETER CHANNEL</td>
<td>❌ Yes ❌ No</td>
<td>❌ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
<td>□ Yes ❌ No</td>
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</tbody>
</table>

* Check dams may be removed after vegetation is established.

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

EPC Slump details are discussed in Attachment 1.
OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>CONDITION / SEDIMENT DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIVERSION BERM OUTFALL 1</td>
<td>Good condition / No sediment</td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 2</td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 3</td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 4</td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 5</td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 6</td>
<td></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL 7</td>
<td></td>
</tr>
<tr>
<td>WEST PERIMETER CHANNEL OUTFALL</td>
<td></td>
</tr>
<tr>
<td>EAST PERIMETER CHANNEL OUTFALL</td>
<td></td>
</tr>
<tr>
<td>FRENCH DRAIN OUTFALL (SID)</td>
<td></td>
</tr>
</tbody>
</table>

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.
## ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

### “RUN-ON” CONTROL

<table>
<thead>
<tr>
<th>AREA</th>
<th>ADVERSELY AFFECTING OLF?</th>
<th>COMMENT</th>
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<tbody>
<tr>
<td>NORTH OF THE ORIGINAL LANDFILL</td>
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<tr>
<td>WEST OF THE WEST PERIMETER CHANNEL</td>
<td>☑ No</td>
<td></td>
</tr>
<tr>
<td>EAST OF THE EAST PERIMETER CHANNEL</td>
<td>☑ No</td>
<td></td>
</tr>
<tr>
<td>NORTH OF WOMAN CREEK</td>
<td>☑ No</td>
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**MAINTENANCE REQUIRED**

N/A
## INSTITUTIONAL CONTROLS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Yes</th>
<th>No</th>
<th>COMMENT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS, OR BUILDINGS ON COVER?</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?</td>
<td></td>
<td>X</td>
<td></td>
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**OTHER DEFICIENCIES / PHOTO LOG**

_None._
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<tr>
<th>DEFICIENCY</th>
<th>DATE NOTED</th>
<th>ACTION</th>
<th>DATE COMPLETED</th>
<th>COMMENTS</th>
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</tbody>
</table>

INSPECTOR SIGNATURE: [Signature]
DATE: 12/19/12

REVIEWER SIGNATURE: [Signature]
DATE: 12/20/12
The monthly inspection of the OLF was completed on December 19. The Rocky Flats Site received 0.51 inches of precipitation during the month of December. The cover was dry at the time of the inspection including the majority of the seep locations. The slump in the East Perimeter Channel (EPC) remained unchanged.

Berms and channels remain in good condition. Vegetation on the landfill cover is dry and is mainly dormant. No new cracks, depressions, or slumps were noted on the landfill cover during the December inspection. Berm 1 required the erosion matting to be re-staked. No other locations required any maintenance or repairs.

**OLF Cover**

![OLF Cover Facing East](image-url)
West Perimeter Channel

East Perimeter Channel
Seeps

The seep locations were dry at the time of this inspection except for Seep 4 and Seep 8. Seep 4 was saturated and Seep 8 was flowing at approximately .5 gallons per minute. Vegetation in the seep locations is primarily dormant.
**East Perimeter Channel Slump**

The slump that was observed on the eastern slope of the EPC toward the top of the channel remains unchanged. The wooden stakes that were installed around the perimeter of the slumping area have not moved. No cracks are apparent. We will continue to monitor the slumping area for any changes during routine and nonroutine inspections of the OLF.

![EPC Slump](image)

**OLF Cover Survey**

Recommendations from the Geo-technical evaluation are being included in the Statement of Work for the next the OLF cover survey which is scheduled to be completed in March 2013.
C.2 Present Landfill
# Present Landfill - Monitoring and Maintenance Program

## Inspection Form

**Inspector:** J. [Name]

**Date:** 1/10/11

**Time:** 1300

**Reviewed by:** [Name]

**Temperature:** 48°F

**Weather Conditions:** Partly cloudy & windy

**Review Date:** 11-29-12

**Meteorological Station Location:** TREL Wind Site

## Subsidence/Consolidation

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Cover - West</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
</tr>
<tr>
<td>Top of Cover - East</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
</tr>
<tr>
<td>Cover Sideslope - North</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
</tr>
<tr>
<td>Cover Sideslope - South</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
</tr>
<tr>
<td>East Face Slope - North</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
</tr>
<tr>
<td>East Face Slope - South</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
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<tr>
<td>East Face Slope - Central</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
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<tr>
<td>East Face Slope - North Seep*</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ No</td>
<td>-</td>
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</tbody>
</table>

Settlement Plates and side-slope monitoring points to be inspected for integrity. During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact? □ Yes □ No

**Maintenance Required/Comments/Photo Log**

None.

---

* Area of Seep is outside of Landfill Cover and East of the Cover Anchor Trench
## SLOPE STABILITY

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF CRACKS?</th>
<th>EVIDENCE OF BLOCK OR CIRCULAR FAILURE?</th>
<th>EVIDENCE OF SEEPS?</th>
<th>OTHER (DESCRIBE BELOW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER SIDESLOPE – NORTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>COVER SIDESLOPE – SOUTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>PERIMETER CHANNEL OUTER SLOPE – NORTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>PERIMETER CHANNEL OUTER SLOPE – SOUTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>EAST FACE SLOPE – NORTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>EAST FACE SLOPE – SOUTH</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>EAST FACE SLOPE – CENTRAL</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>–</td>
</tr>
<tr>
<td>EAST FACE SLOPE – NORTH SEEP*</td>
<td>□ Yes ☒ No</td>
<td>□ Yes ☒ No</td>
<td>☒ Yes ☒ No</td>
<td>–</td>
</tr>
</tbody>
</table>

### MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Seep location was dry at the time of this inspection.

---

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH
## SOIL COVER

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF SOIL DEPOSITION OR EROSION?</th>
<th>EVIDENCE OF EROSION RILLS/GULLIES?</th>
<th>EVIDENCE OF BURROWING ANIMALS?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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<tbody>
<tr>
<td>TOP OF COVER – WEST</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>TOP OF COVER – EAST</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>COVER SIDESLOPE – NORTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
</tr>
<tr>
<td>COVER SIDESLOPE – SOUTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
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<tr>
<td>EAST FACE SLOPE – NORTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>EAST FACE SLOPE – SOUTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>EAST FACE SLOPE – CENTRAL</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
</tr>
<tr>
<td>AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td>□ Yes ✗ No</td>
<td></td>
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<tr>
<td>VENT CAPS IN PLACE &amp; SECURE?</td>
<td>✗ Yes □ No</td>
<td>✗ Yes □ No</td>
<td>□ Yes ✗ No</td>
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<td>STANDPIPES IN GOOD CONDITION?</td>
<td>✗ Yes □ No</td>
<td>✗ Yes □ No</td>
<td>□ Yes ✗ No</td>
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<tr>
<td>BIRDS OR INSECTS IN VENT CAPS?</td>
<td></td>
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<tr>
<td>COVER – BAROMETRIC VENTS</td>
<td>✗ Yes □ No</td>
<td>✗ Yes □ No</td>
<td>□ Yes ✗ No</td>
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**MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG**

*Note*
## VEGETATION

<table>
<thead>
<tr>
<th>REGION</th>
<th>CONDITION OF GRASS</th>
<th>UNWANTED VEGETATION PRESENT*?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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</thead>
<tbody>
<tr>
<td>TOP OF COVER – WEST</td>
<td>Good</td>
<td>☐ Yes ☐ No</td>
<td>VETHI, BITEI, LIBAI, COARI, L19%</td>
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<tr>
<td>TOP OF COVER – EAST</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>LIBAI, VETHI, L19%</td>
</tr>
<tr>
<td>EAST FACE SLOPE – NORTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>HINAI, LETHI, CIARI, L19%</td>
</tr>
<tr>
<td>EAST FACE SLOPE – SOUTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>HINAI, LETHI, CIARI, L19%</td>
</tr>
<tr>
<td>EAST FACE SLOPE – CENTRAL</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>CIARI, HINAI, LETHI, LIBAI, L19%</td>
</tr>
<tr>
<td>COVER SIDESLOPE – NORTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>COARI, VETHI, LETHI, L19%</td>
</tr>
<tr>
<td>COVER SIDESLOPE – SOUTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>LETHI, VETHI, BITEI, L19%</td>
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<tr>
<td>VEGETATION-LINED PERIMETER CHANNEL – NORTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
<td>LIBAI, L19%</td>
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<tr>
<td>VEGETATION-LINED PERIMETER CHANNEL – SOUTH</td>
<td>Moderate to good</td>
<td>☐ Yes ☐ No</td>
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</table>

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

*NOTE OF PEF cover sprayed for weeds - summer 2012*

---

10/24/12

---

PAGE 4 OF 10

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### SEEP TREATMENT SYSTEM

<table>
<thead>
<tr>
<th>REGION</th>
<th>EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?</th>
<th>EVIDENCE OF CRACKS OR DETERIORATION?</th>
<th>OTHER (DESCRIBE BELOW)</th>
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<tbody>
<tr>
<td>GWIS INLET PIPES</td>
<td>□ Yes [x] No</td>
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</tr>
<tr>
<td>STRIP DRAIN INLET PIPE</td>
<td>□ Yes [x] No</td>
<td>□ Yes [x] No</td>
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<tr>
<td>NORTH MANHOLE OUTLET PIPE</td>
<td>□ Yes [x] No</td>
<td>□ Yes [x] No</td>
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<tr>
<td>SOUTH MANHOLE OUTLET PIPE</td>
<td>□ Yes [x] No</td>
<td>□ Yes [x] No</td>
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<tr>
<td>TREATMENT UNIT</td>
<td>□ Yes [x] No</td>
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<tr>
<td>TREATMENT UNIT OUTLET PIPE</td>
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<td>□ Yes [x] No</td>
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<tr>
<td>NORTH MANHOLE</td>
<td>□ Yes [x] No</td>
<td>□ Yes [x] No</td>
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<tr>
<td>SOUTH MANHOLE</td>
<td>□ Yes [x] No</td>
<td>□ Yes [x] No</td>
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<tr>
<td>TREATMENT UNIT GRATING</td>
<td>NA</td>
<td>□ Yes [x] No</td>
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</table>

**MAINTENANCE REQUIRED/COMMENTS/POTO LOG**

None.
## STORMWATER MANAGEMENT STRUCTURES

### CHANNELS/LINING

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>DIVERSION BERM</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<tr>
<td>VEGETATION-LINED PERIMETER CHANNEL – NORTH</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<tr>
<td>VEGETATION-LINED PERIMETER CHANNEL – SOUTH</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<tr>
<td>RIPRAP-LINED PERIMETER CHANNEL</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<tr>
<td>C350-LINED EAST FACE</td>
<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<tr>
<td>EAST FACE RIPRAP CHANNEL – NORTH</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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<tr>
<td>EAST FACE RIPRAP CHANNEL – SOUTH</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
<td>☐ Yes ☒ No</td>
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<td>☐ Yes ☒ No</td>
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</table>

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.
OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>CONDITION/SEDIMENT DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIVERSION BERM OUTFALL - NORTH</td>
<td><strong>Good condition / No Sediment</strong></td>
</tr>
<tr>
<td>DIVERSION BERM OUTFALL - SOUTH</td>
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<tr>
<td>CULVERT 1 OUTFALL</td>
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</tr>
<tr>
<td>CULVERT 2 OUTFALL</td>
<td></td>
</tr>
<tr>
<td>SOUTHWEST CULVERT OUTFALL</td>
<td></td>
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</tbody>
</table>

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>CONDITION</th>
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</thead>
<tbody>
<tr>
<td>CULVERT 1</td>
<td><strong>Good condition / No Sediment</strong></td>
</tr>
<tr>
<td>CULVERT 2</td>
<td></td>
</tr>
<tr>
<td>SOUTHWEST CULVERT</td>
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MAINTENANCE REQUIRED/PHOTO LOG

None
## "Run-On" Erosion Control

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<thead>
<tr>
<th>Area</th>
<th>Adversely Affecting PLF?</th>
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<tbody>
<tr>
<td>Run-On into Perimeter Channel – North</td>
<td>□ Yes □ No</td>
</tr>
<tr>
<td>Run-On into Perimeter Channel – South</td>
<td>□ Yes □ No</td>
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<tr>
<td>Natural Drainage Fed by Culvert 1</td>
<td>□ Yes □ No</td>
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<tr>
<td>Natural Drainage Fed by Northeast Perimeter Channel</td>
<td>□ Yes □ No</td>
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<td>Natural Drainage Fed by Riprap</td>
<td>□ Yes □ No</td>
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**Maintenance Required/Photo Log**

_Notes_
## INSTITUTIONAL CONTROLS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>□ Yes</th>
<th>X No</th>
<th>COMMENT:</th>
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<tbody>
<tr>
<td>EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?</td>
<td></td>
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<tr>
<td>EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?</td>
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<tr>
<td>EVIDENCE OF UNAUTHORIZED ENTRY?</td>
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<tr>
<td>EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?</td>
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<tr>
<td>DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?</td>
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<tr>
<td>DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?</td>
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</table>

OTHER DEFICIENCIES/PHOTO LOG

[Signature]

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Appendix C, Page 51
<table>
<thead>
<tr>
<th>DEFICIENCY</th>
<th>DATE NOTED</th>
<th>ACTION</th>
<th>DATE COMPLETED</th>
<th>COMMENTS</th>
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**INSPECTOR SIGNATURE**: [Signature]  
**DATE**: 1/24/12

**REVIEWER SIGNATURE**: [Signature]  
**DATE**: 11-29-12